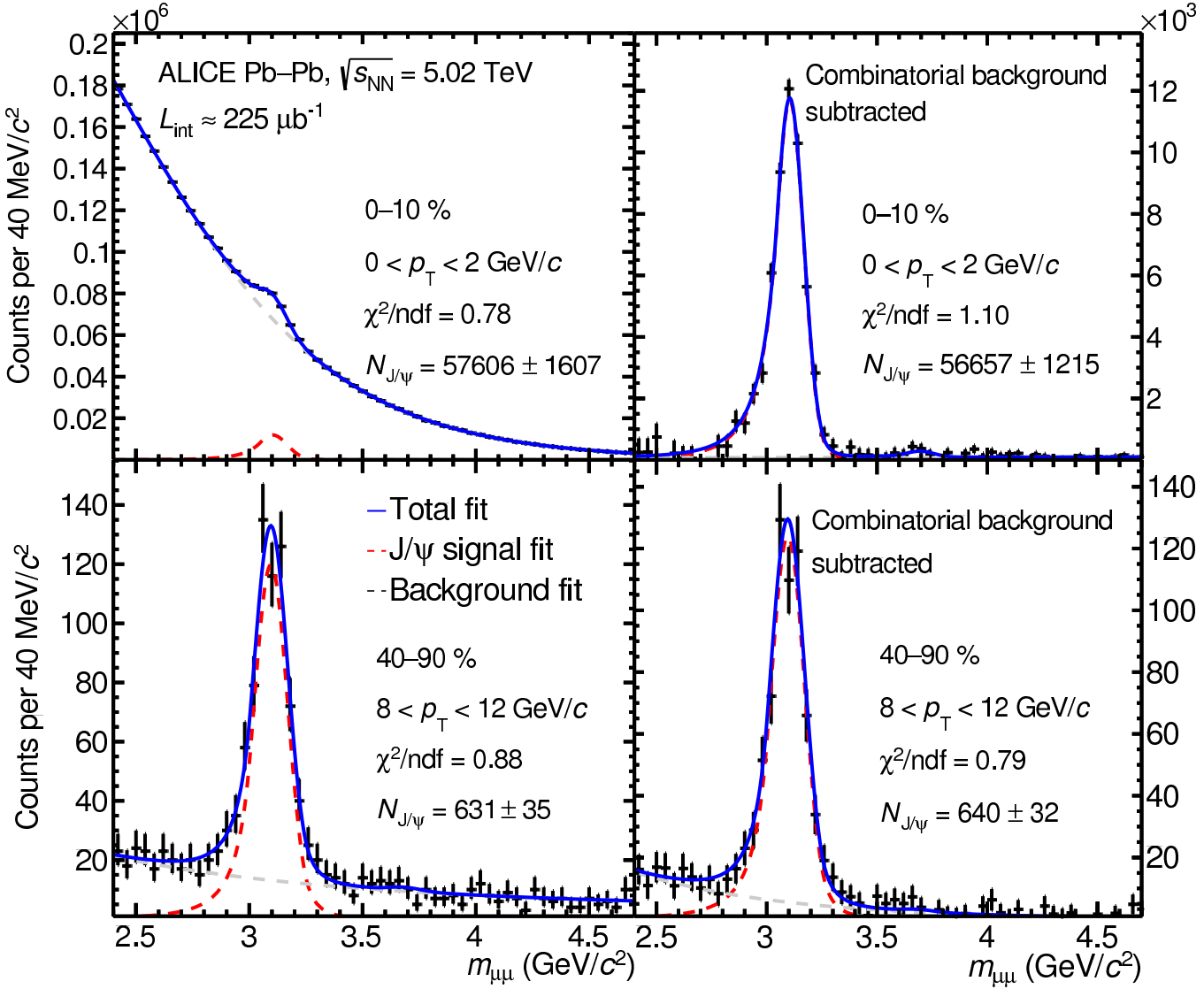
ALICE Pb–Pb, $\sqrt{s_{NN}}$ = 5.02 TeV
$L_{int} \approx 225\ \mu b^{-1}$
0–10 %
$0 < p_T < 2$ GeV/c
χ^2/ndf = 0.78
$N_{J/\psi}$ = 57606 ± 1607
Combinatorial background subtracted
0–10 %
$0 < p_T < 2$ GeV/c
χ^2/ndf = 1.10
$N_{J/\psi}$ = 56657 ± 1215
Total fit
J/ψ signal fit
Background fit
40–90 %
$8 < p_T < 12$ GeV/c
χ^2/ndf = 0.88
$N_{J/\psi}$ = 631 ± 35
Combinatorial background subtracted
40–90 %
$8 < p_T < 12$ GeV/c
χ^2/ndf = 0.79
$N_{J/\psi}$ = 640 ± 32
Counts per 40 MeV/c^2
$m_{\mu\mu}$ (GeV/c^2)
×10^6
×10^3